

MANUFACTURER	WESTERN DIGITAL	WESTERN DIGITAL	WESTERN DIGITAL
DRIVE			
	WDAC1170 Caviar	WDAL2170 Caviar Lite	WDAC1210 Caviar
DISK/TREND GROUP	3	3	4
MARKET	OEM, PCM	OEM, PCM	OEM, PCM
MEDIA: Nominal disk diameter Recording medium	95 mm OD 25 mm ID Thin Film	65 mm OD 20 mm ID Thin Film	95 mm OD 25 mm ID Thin Film
DRIVE: Heads Interface	Thin Film/MIG PC AT	Thin Film PC AT	Thin Film/MIG PC AT
CAPACITY/RECORDING DENSITY			
Total capacity (Mbytes) FIXED	F: 170.6	F: 170.6	F: 212.6
REMOVABLE	--	--	--
Capacity per track (Bytes)	Varies by zone	Varies by zone	Varies by zone
Data surfaces per spindle	2	4	2
Tracks per surface	2233	1781	2720
Track density (TPI)	2481	2950	2985
Maximum linear density (BPI) (FCI)	55200 41400	53170 39900	55900 41920
Recording code	1,7 RLL	1,7 RLL	1,7 RLL
Rotational speed (RPM)	3322	3600	3314
PERFORMANCE			
Actuator type	Rotary, Voice Coil	Rotary, Voice Coil	Rotary, Voice Coil
Servo type	Embedded	Embedded	Embedded
Average positioning time (msec)	13	16	13
Average rotational delay (msec)	9	8.3	9
Average access time (msec)	22	24.3	22
Data transfer rate (KBytes/sec)	11100 PIO*	5500	11100 PIO* 13300 DMA**
SIZE: (mm) H x W x D	25.4 x 101.6 x 146.1	15 x 70.3 x 101.6	25.4 x 101.6 x 146.1
FIRST CUSTOMER SHIPMENT	4Q92	1Q93	2Q93
COMMENTS	*PIO Mode 3		*PIO Mode 3 **DMA Mode 1

MANUFACTURER	WESTERN DIGITAL				
DRIVE	WDAC1270 Caviar	WDAL2200 Caviar Lite	WDAC2340 Caviar	WDAC2420 Caviar	WDAC2540 Caviar
DISK/TREND GROUP	4	4	5	5	6
MARKET	OEM, PCM				
MEDIA: Nominal disk diameter Recording medium	95 mm OD 25 mm ID Thin Film	65 mm OD 20 mm ID Thin Film	95 mm OD 25 mm ID Thin Film	95 mm OD 25 mm ID Thin Film	95 mm OD 25 mm ID Thin Film
DRIVE: Heads Interface	Thin Film/MIG PC AT				
CAPACITY/RECORDING DENSITY					
Total capacity (Mbytes) FIXED	F: 270.4	F: 200	F: 341.3	F: 425.3	F: 540.8
REMOVABLE	--	--	--	--	--
Capacity per track (Bytes)	Varies by zone				
Data surfaces per spindle	2	4	4	4	4
Tracks per surface	3132	1900	2233	2720	3132
Track density (TPI)	3300	3146	2481	2985	3300
Maximum linear density (BPI) (FCI)		55255 41441	55200 41400	55900 41920	
Recording code	1,7 RLL				
Rotational speed (RPM)	4500	3600	3322	3314	4500
PERFORMANCE					
Actuator type	Rotary, Voice Coil				
Servo type	Embedded	Embedded	Embedded	Embedded	Embedded
Average positioning time (msec)	11 RD/13 WR	17	13	13	11 RD/13 WR
Average rotational delay (msec)	6.67	8.3	9	9	6.67
Average access time (msec)	17.67/19.67	25.3	22	22	17.67/19.67
Data transfer rate (KBytes/sec)	11100 PIO*	5400	11100 PIO* 13300 DMA**	11100 PIO* 13300 DMA**	11100 PIO* 13300 DMA**
SIZE: (mm) H x W x D	25.4 x 101.6 x 146.1	15 x 70.3 x 101.6	25.4 x 101.6 x 146.1	25.4 x 101.6 x 146.1	25.4 x 101.6 x 146.1
FIRST CUSTOMER SHIPMENT	10/93	11/93	3Q92	1Q93	9/93
COMMENTS	*PIO Mode 3		*PIO Mode 3 **DMA Mode 1	*PIO Mode 3 **DMA Mode 1	*PIO Mode 3 **DMA Mode 1

MANUFACTURER	WESTERN DIGITAL	WESTERN DIGITAL
DRIVE		
	WDAC2700 Caviar	WDAC31000 Caviar
DISK/TREND GROUP	6	7
MARKET	OEM, PCM	OEM, PCM
MEDIA: Nominal disk diameter Recording medium	95 mm OD 25 mm ID Thin Film	95 mm OD 25 mm ID Thin Film
DRIVE: Heads Interface	Thin Film PC AT	Thin Film PC AT
CAPACITY/RECORDING DENSITY		
Total capacity (Mbytes) FIXED	F: 730.8	F: 1,083.8
REMOVABLE	--	--
Capacity per track (Bytes)	Varies by zone	Varies by zone
Data surfaces per spindle	4	6
Tracks per surface		
Track density (TPI)	4000	4000
Maximum linear density (BPI) (FCI)		
Recording code	1,7 RLL	1,7 RLL
Rotational speed (RPM)	4495	4495
PERFORMANCE		
Actuator type	Rotary, Voice Coil	Rotary, Voice Coil
Servo type	Embedded	Embedded
Average positioning time (msec)	10 RD/12 WR	10 RD/12 WR
Average rotational delay (msec)	6.67	6.67
Average access time (msec)	16.67/18.67	16.67/18.67
Data transfer rate (KBytes/sec)	11100 PIO* 13300 DMA**	11100 PIO* 13300 DMA**
SIZE: (mm) H x W x D	25.4 x 101.6 x 146.1	25.4 x 101.6 x 146.1
FIRST CUSTOMER SHIPMENT	4/94	4/94
COMMENTS	*PIO Mode 3 **DMA Mode 1	*PIO Mode 3 **DMA Mode 1